# QC-ABSTRACT

**Name of Work:- Construction of Drains and providing grills at BB Road in Kempegowda Ward No-01**

| Sl No. | Item | Quantity As Per BOQ | Required No's of tests | Actual No's of tests | Tests |
|---|---|---|---|---|---|
| 1 | PCC 1:3:6 | 126.21 Cum | 1 | 1 | Cement |
| | | | | | Sand, Aggregates |
| 4 | M30 Concrete | 128.16 Cum | 6 | 6 | Concrete Cube Compressive Strength |
| 5 | 100mm Precast Slab | 13.50Sqm | 1 | 1 | Compressive Strength |
| 6 | Kerb Stones | 33.00 Nos | 1 | 1 | Compressive Strength |

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| | | |
|---|---|---|
| Cubes | 0-5 $m^3$ | 1set |
| | 6-15 $m^3$ | 2set |
| | 16-30 $m^3$ | 3set |
| | 31-50 $m^3$ | 4 set |
| | Add 1set for every 50 Cum | |

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TC-9500


Job No.: CQCE/BBMP/AEE/YNK/W-01/2020-2021 Date: 23.11.2021

## TEST REPORT ON CEMENT

**Client** : **Assistant Executive Engineer, Yelahanka Sub Division**, BBMP, Bangalore.

**Agency** : **Sri.Y.B. Ramesh, Bangalore**

**Name of Work** : Construction of Drains and providing grills at BB Road in Kempegowda Ward No-01

**Sample ID:** : Cement (Birla Super 53 grade OPC)

**Sample Supplied by:** : AGENCY

**Date of Manufacture:** : November - 2021

**Date of Testing** : 22.011.2021

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| Sl.No | Descriptions | Test Method as per IS | Test Result | Requirements as per IS: 269:2015 |
|---|---|---|---|---|
| 1 | a) Initial Setting Time | IS-4031 (Part - 5):1988(RA 2014) | 135 Minutes | Not Less than 30 Minutes |
| | b) Final Setting Time | IS-4031 (Part - 5):1988(RA 2014) | 380 Minutes | Not More than 600 Minutes |
| 2 | Soundness | IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method | 1 mm | Not more than 10 mm |
| 3 | Standard Consistency | IS-4031 (Part -4) | 29.00% | - |

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**Note:**

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30days from the date of testing.


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Job No.: CQCE/BBMP/AEE/YNK/W-01/2020-2021 Date: 20-Jan-22

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

**Client** : **Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.**

**Agency** : **Sri.Y.B. Ramesh, Bangalore**

**Name of the work** : Construction of Drains and providing grills at BB Road in Kempegowda Ward No-01

**Sample ID** : Cement Concrete for Road

**Size of cubes** : 150mmx150mmx150mm

**Cross Sectional Area** : 22500 $mm^2$

**Technical Reference** : IS: 516-1959 (Reaffirmed 2008)

**Grade of Concrete** : M30

**Compressive Strength as on** : 7th day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength (N/mm |
|---|---|---|---|---|---|
| 1 | 13-Jan-22 | 20-Jan-22 | 8.524 | 471.2 | 20.94 |
| 2 | 13-Jan-22 | 20-Jan-22 | 8.630 | 458.6 | 20.38 |
| 3 | 13-Jan-22 | 20-Jan-22 | 8.415 | 442.6 | 19.67 |

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